

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	23	(Mitrajit ADJ Chatterjee Ming ADJ Tang Peter ADJ Onufryk Steven ADJ Chau).in.	USPAT	OR	ON	2007/02/08 15:20
S2	38	(Mitrajit ADJ Chatterjee Ming ADJ Tang Peter ADJ Onufryk Steven ADJ Chau).in.	US-PGPUB; USPAT	OR	ON	2007/02/08 15:24
S3	531	INTEGRATED ADJ DEVICE ADJ TECHNOLOGY.as.	US-PGPUB; USPAT	OR	ON	2007/02/08 15:25
S5	5	S3 and JTAG	USPAT	OR	ON	2007/02/08 15:28
S4	488	INTEGRATED ADJ DEVICE ADJ TECHNOLOGY.as.	USPAT	OR	ON	2007/02/08 15:28
S8	7	S3 and JTAG and memory	US-PGPUB; USPAT	OR	ON	2007/02/08 15:29
S6	7	S3 and JTAG	US-PGPUB; USPAT	OR	ON	2007/02/08 15:29
S9	4	S3 and JTAG and memory and synchroniz\$5	US-PGPUB; USPAT	OR	ON	2007/02/08 15:31
S11	279	JTAG and memory and synchroniz\$5 and authori\$	US-PGPUB; USPAT	OR	ON	2007/02/08 15:36
S10	2221	JTAG and memory and synchroniz\$5	US-PGPUB; USPAT	OR	ON	2007/02/08 15:36
S12	441	JTAG and memory and synchroniz\$5 and authori\$	US-PGPUB; USPAT	OR	ON	2007/02/08 15:37
S14	26	JTAG and memory and synchroniz\$5 and authori\$ same logic	US-PGPUB; USPAT	OR	ON	2007/02/08 15:38
S15	9	JTAG and memory and protect\$5 and synchroniz\$5 and authori\$ same logic	US-PGPUB; USPAT	OR	ON	2007/02/08 15:39
S16	14	JTAG and memory with protect\$5 with authori\$	US-PGPUB; USPAT	OR	ON	2007/02/08 15:40
S18	14	JTAG and memory with protect\$5 with (authori\$ unauthoriz\$3) and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/02/08 16:07
S19	4	JTAG and memory with protect\$5 with (authori\$ unauthoriz\$3) and synchron\$6 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/02/08 16:12
S20	28	(JTAG TAP) and memory with protect\$5 with (authori\$ unauthoriz\$3) and synchron\$6 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/02/08 16:13

## EAST Search History

S21	4	(JTAG TAP near2 controller) and memory with protect\$5 with (authori\$ unauthoriz\$3) and synchron\$6 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/02/08 16:15
S24	14	(JTAG TAP near2 controller) and memory with protect\$5 with (authori\$ unauthoriz\$3) and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/02/08 16:21
S22	48	(JTAG TAP near2 controller) and memory and protect\$5 with (authori\$ unauthoriz\$3) and synchron\$6 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/02/08 16:21
S25	9114	synchroniz\$6 with buffer	USPAT	OR	OFF	2007/02/09 10:44
S26	558	"714"/\$.ccls. and synchroniz\$6 with buffer	USPAT	OR	OFF	2007/02/09 10:45
S27	11	(714/731 714/744).ccls. and synchroniz\$6 with buffer	USPAT	OR	OFF	2007/02/09 10:46
S28	12	(714/731 714/744).ccls. and synchroniz\$6 with buffer	USPAT	OR	ON	2007/02/09 10:47
S29	12	(714/731 714/744).ccls. and synchroniz\$6 with buffer and @ad<="20040226"	USPAT	OR	ON	2007/02/09 10:48
S31	2	(714/731 714/744).ccls. and (JTAG TAP) and synchroniz\$6 with buffer and @ad<="20040226"	USPAT	OR	ON	2007/02/09 10:49
S32	1	(714/731 714/744).ccls. and (JTAG TAP near2 controller) and synchroniz\$6 with buffer and @ad<="20040226"	USPAT	OR	ON	2007/02/09 10:56
S33	25	(714/731 714/744).ccls. and (JTAG TAP near2 controller) and synchroniz\$6 and @ad<="20040226"	USPAT	OR	ON	2007/02/09 10:57
S34	17	(714/731 714/744).ccls. and (JTAG TAP near2 controller) and synchroniz\$6 and memory and @ad<="20040226"	USPAT	OR	ON	2007/02/09 10:58
S36	1	(714/731 714/744).ccls. and (JTAG TAP near2 controller) and synchroniz\$6 with delay and memory and @ad<="20040226"	USPAT	OR	ON	2007/02/09 11:02
S39	7	(714/731 714/744).ccls. and (JTAG TAP near2 controller) and synchroniz\$6 near3 data and @ad<="20040226"	USPAT	OR	ON	2007/02/09 11:10

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S37	9	(714/731 714/744).ccls. and (JTAG TAP near2 controller) and synchroniz\$6 with data and memory and @ad<="20040226"	USPAT	OR	ON	2007/02/09 11:10
S43	220	"714".\$ccls. and (JTAG TAP near2 controller) and synchroniz\$6 with data and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/02/09 11:12
S38	15	(714/731 714/744).ccls. and (JTAG TAP near2 controller) and synchroniz\$6 with data and @ad<="20040226"	USPAT	OR	ON	2007/02/09 11:12
S45	2	"714".\$ccls. and (JTAG TAP near2 controller) with synchroniz\$6 near3 data and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/02/09 11:13
S44	105	"714".\$ccls. and (JTAG TAP near2 controller) and synchroniz\$6 near3 data and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/02/09 11:13
S48	5	"714".\$ccls. and (JTAG TAP near2 controller) and buffer with synchroniz\$6 near3 data and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/02/09 11:17
S47	70	"714".\$ccls. and (JTAG TAP near2 controller) and buffer and synchroniz\$6 near3 data and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/02/09 11:17
S46	15	"714".\$ccls. and (JTAG TAP near2 controller) same synchroniz\$6 near3 data and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/02/09 11:17
S50	1	"714".\$ccls. and (JTAG TAP near2 controller) and delay near2 buffer with synchroniz\$6 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/02/09 11:18
S53	31	"714".\$ccls. and (JTAG TAP near2 controller) near2 synchroniz\$6 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/02/09 11:21
S52	82	"714".\$ccls. and (JTAG TAP near2 controller) with synchroniz\$6 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/02/09 11:21
S51	5	"714".\$ccls. and (JTAG TAP near2 controller) and delay near2 buffer and synchroniz\$6 and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/02/09 11:21
S54	27	"714".\$ccls. and (JTAG TAP near2 controller) near2 synchroniz\$6 and @ad<="20040226"	USPAT	OR	ON	2007/02/09 11:28
S55	27	"714".\$ccls. and (JTAG TAP near2 controller) near2 synchroniz\$6 and @ad<="20040226"	USPAT	OR	ON	2007/02/09 11:29

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S56	6	"714".\$ccls. and (JTAG TAP near2 controller) with CPU with synchroniz\$6 and @ad<="20040226"	USPAT	OR	ON	2007/02/09 14:18
S58	168	(compress\$3 combin\$3) with (multiplex\$3 mux) with compar\$3	USPAT	OR	ON	2007/02/09 14:20
S59	19	"714"/\$.ccls. and (compress\$3 combin\$3) with (multiplex\$3 mux) with compar\$3	USPAT	OR	ON	2007/02/09 14:21
S61	764	"714"/\$.ccls. and (compact\$3 compress\$3 combin\$3) with (multiplex\$3 mux)	USPAT	OR	ON	2007/02/09 14:22
S60	24	"714"/\$.ccls. and (compact\$3 compress\$3 combin\$3) with (multiplex\$3 mux) with compar\$3	USPAT	OR	ON	2007/02/09 14:22
S62	411	"714"/\$.ccls. and (compact\$3 compress\$3 combin\$3) near3 (multiplex\$3 mux)	USPAT	OR	ON	2007/02/09 14:23
S66	1	kerveros and (compact\$3 compress\$3 combin\$3) with "XOR" and "OR" with (multiplex\$3 mux)	USPAT	OR	ON	2007/02/09 14:25
S65	1	kerveros and (compact\$3 compress\$3 combin\$3) near3 "XOR" and "OR" with (multiplex\$3 mux)	USPAT	OR	ON	2007/02/09 14:25
S63	6	kerveros and (compact\$3 compress\$3 combin\$3) near3 (multiplex\$3 mux)	USPAT	OR	ON	2007/02/09 14:25
S68	864	(compact\$3 compress\$3 combin\$3) with "XOR" and "OR"	USPAT	OR	ON	2007/02/09 14:26
S67	3	kerveros and (compact\$3 compress\$3 combin\$3) with "XOR" and "OR"	USPAT	OR	ON	2007/02/09 14:26
S71	6	"714"/\$.ccls. and (compact\$3 compress\$3 combin\$3) near3 "XOR" near3 "OR"	USPAT	OR	ON	2007/02/09 14:27
S72	4	(US-20060294059-\$).did. or (US-7054121-\$ or US-7133990-\$ or US-6751764-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/02/09 15:21
S70	85	(compact\$3 compress\$3 combin\$3) near3 "XOR" near3 "OR"	USPAT	OR	ON	2007/06/08 15:56
S77	1	("6671841").PN.	USPAT	OR	OFF	2007/06/08 15:57
S17	12	JTAG and memory with protect\$5 with authori\$ and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/06/08 16:08

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S80	5	non-volatile and JTAG and memory with protect\$5 with authori\$ and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/06/08 16:24
S81	0	714/733. "ccls." and ABIST	USPAT	OR	OFF	2007/06/11 14:49
S82	35	714/733.ccls. and ABIST	USPAT	OR	OFF	2007/06/11 14:50
S83	3	714/733.ccls. and ABIST NOT International ADJ Business ADJ Machines.as.	USPAT	OR	OFF	2007/06/11 14:56
S86	0	"714"/\$.ccls. and ABIST and wordline NOT International ADJ Business ADJ Machines.as.	USPAT	OR	OFF	2007/06/11 14:57
S85	0	"714"/\$.ccls. and ABIST and wordline NOT International ADJ Business ADJ Machines.as.	USPAT	OR	OFF	2007/06/11 14:57
S84	0	714/733.ccls. and ABIST and wordline NOT International ADJ Business ADJ Machines.as.	USPAT	OR	OFF	2007/06/11 14:57
S88	52	BIST and (bitline wordline) NOT International ADJ Business ADJ Machines.as.	USPAT	OR	OFF	2007/06/11 14:58
S87	0	"714"/\$.ccls. and ABIST and (bitline wordline) NOT International ADJ Business ADJ Machines.as.	USPAT	OR	OFF	2007/06/11 14:58
S89	1	ABIST and (bitline wordline) NOT International ADJ Business ADJ Machines.as.	USPAT	OR	OFF	2007/06/11 14:59
S90	2	(MBIST ABIST) and (bitline wordline) NOT International ADJ Business ADJ Machines.as.	USPAT	OR	OFF	2007/06/11 15:00
S91	20	(MBIST ABIST) and (row column bitline wordline) NOT International ADJ Business ADJ Machines.as.	USPAT	OR	ON	2007/06/11 15:01
S92	19	(MBIST ABIST) and (row wordline) NOT International ADJ Business ADJ Machines.as.	USPAT	OR	ON	2007/06/11 15:12
S94	4	(MBIST ABIST) and ("WL" row wordline) near3 array NOT International ADJ Business ADJ Machines.as.	USPAT	OR	ON	2007/06/11 15:13
S93	19	(MBIST ABIST) and ("WL" row wordline) NOT International ADJ Business ADJ Machines.as.	USPAT	OR	ON	2007/06/11 15:13
S95	576	714/726-729. "ccls." and IEEE "1149.1" ADJ Joint ADJ Test Action ADJ Group ADJ JTAG	USPAT	OR	ON	2007/08/22 17:38

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S96	1240	714/726-729.ccls. and IEEE "1149.1" ADJ Joint ADJ Test Action ADJ Group ADJ JTAG	USPAT	OR	ON	2007/08/22 17:39
S99	414	714/726.ccls. and IEEE "1149.1" ADJ Joint ADJ Test Action ADJ Group ADJ JTAG adj TAP	USPAT	OR	ON	2007/08/22 17:40
S98	769	714/726-729.ccls. and IEEE "1149.1" ADJ Joint ADJ Test Action ADJ Group ADJ JTAG adj TAP adj controller	USPAT	OR	ON	2007/08/22 17:40
S97	769	714/726-729.ccls. and IEEE "1149.1" ADJ Joint ADJ Test Action ADJ Group ADJ JTAG adj TAP	USPAT	OR	ON	2007/08/22 17:40
S10 2	4	714/726.ccls. and IEEE adj "1149.1" near2 Joint ADJ Test Action ADJ Group ADJ JTAG adj TAP	USPAT	OR	ON	2007/08/22 17:41
S10 1	4	714/726.ccls. and IEEE adj "1149.1" ADJ Joint ADJ Test Action ADJ Group ADJ JTAG adj TAP	USPAT	OR	ON	2007/08/22 17:41
S10 0	3	714/726.ccls. and IEEE adj "149.1" ADJ Joint ADJ Test Action ADJ Group ADJ JTAG adj TAP	USPAT	OR	ON	2007/08/22 17:41
S10 4	20	714/726.ccls. and IEEE adj "1149.1" near2 JTAG and TCK	USPAT	OR	ON	2007/08/22 17:42
S10 3	32	714/726.ccls. and IEEE adj "1149.1" near2 JTAG	USPAT	OR	ON	2007/08/22 17:42
S10 5	1	714/726.ccls. and IEEE adj "1149.1" near2 JTAG with TCK	USPAT	OR	ON	2007/08/22 17:59
S10 9	38	714/726.ccls. and IEEE near3 JTAG and TCK and TMS	USPAT	OR	ON	2007/08/22 18:00
S10 8	3	714/726.ccls. and IEEE near3 JTAG with TCK and TMS	USPAT	OR	ON	2007/08/22 18:00
S10 7	3	714/726.ccls. and IEEE near3 JTAG with TCK	USPAT	OR	ON	2007/08/22 18:00
S10 6	2	714/726.ccls. and IEEE near2 JTAG with TCK	USPAT	OR	ON	2007/08/22 18:00
S11 1	5	714/726.ccls. and IEEE near3 JTAG and TCK NEAR TMS NEAR TDI NEAR TDO	USPAT	OR	ON	2007/08/22 18:01
S11 0	23	714/726.ccls. and IEEE near3 JTAG and TCK with TMS with TDI with TDO	USPAT	OR	ON	2007/08/22 18:01
S11 3	528	INTEGRATED ADJ DEVICE ADJ TECHNOLOGY.as.	USPAT	OR	ON	2007/12/09 16:58

## EAST Search History

S11 2	39	(Mitrajit ADJ Chatterjee Ming ADJ Tang Peter ADJ Onufryk Steven ADJ Chau).in.	US-PGPUB; USPAT	OR	ON	2007/12/09 16:58
S11 5	10	S114 and JTAG and memory	US-PGPUB; USPAT	OR	ON	2007/12/09 16:59
S11 4	580	INTEGRATED ADJ DEVICE ADJ TECHNOLOGY.as.	US-PGPUB; USPAT	OR	ON	2007/12/09 16:59
S11 7	3	(JTAG and memory with protect\$5 with (authori\$ unauthoriz\$3)).clm.	US-PGPUB; USPAT	OR	ON	2007/12/09 17:00
S11 6	16	JTAG and memory with protect\$5 with (authori\$ unauthoriz\$3) and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/12/09 17:01
S11 8	12	JTAG and controller and memory with protect\$5 with (authori\$ unauthoriz\$3) and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/12/09 17:02
S12 2	4	JTAG same protect\$5 with (authori\$ unauthoriz\$3) and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/12/09 17:03
S12 1	0	JTAG same rotect\$5 with (authori\$ unauthoriz\$3) and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/12/09 17:03
S12 0	1	JTAG with protect\$5 with (authori\$ unauthoriz\$3) and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/12/09 17:03
S11 9	1	JTAG and controller with memory with protect\$5 with (authori\$ unauthoriz\$3) and @ad<="20040226"	US-PGPUB; USPAT	OR	ON	2007/12/09 17:03